



IDAHO CROP WEATHER



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Stripe Rust Hits North Idaho

Agricultural Summary

Stripe rust, a fungal disease, has become a problem in susceptible varieties of spring wheat on the Palouse in North Idaho. Cool conditions during the spring were a factor in the outbreak being worse than normal this year. Without spraying, infected fields face major yield losses. For the week ending July 7, major agricultural activities included irrigating, applying pesticides, and harvesting alfalfa.

Soil Moisture and Days Suitable for Fieldwork

Topsoil moisture declined from last week to 9% very short, 43% short, and 48% adequate. Statewide, Idaho farmers had an average of 6.9 days suitable for fieldwork last week.

Crop Progress Table

Percentages	2002	2001	Avg.
Potatoes 12" High	80	83	73
Potatoes Closing Middles	39	46	37
Cherries Harvested	82	45	50

Field Crop Report

Warm weather continued to spur rapid crop development. In Boundary County, high flows in the Kootenai River have raised subsurface water levels, damaging nearby fields. County extension educators reported dryland grains were showing stress due to lack of moisture in several areas of the state, including Camas County, Caribou County, and low elevation areas of Nez Perce County.

Livestock, Pasture and Range Report

In Lincoln County, carbyrl treated grain has been distributed to control grasshoppers. As conditions have become more hot any dry, the threat of range fires has increased.

Condition Table

Percentages	Very Poor	Poor	Fair	Good	Excellent
Potatoes	1	2	14	67	16
Winter Wheat	1	2	21	65	11
Spring Wheat	1	3	21	66	9
Barley	1	3	13	75	8
Irr. Water Supply	3	22	28	47	0
Range and Pasture	1	9	30	54	6

Grain Progress Table

	Booted %			Headed %			Turning Color %		
	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg
Winter Wheat	100	100	100	99	96	96	20	33	29
Spring Wheat	97	93	86	44	67	59	3	9	6
Barley	93	93	84	53	65	58	7	17	8

Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg
Winter Wheat															
Headed	99	91	94	100	100	100	99	100	100	98	98	97	99	96	96
Spring Wheat															
Headed	31	33	37	99	100	99	96	87	89	30	69	52	44	67	59
Barley															
Headed	39	28	31	99	100	98	96	94	88	36	60	50	53	65	58
Alfalfa Hay															
1 st Cutting Harvested	62	82	67	100	100	99	99	100	98	90	93	83	93	95	90
2 nd Cutting Harvested	0	0	0	52	69	44	33	59	35	0	4	2	20	32	19

Avg (1997-2001); NA = Very Small Percentage of Acreage in District.

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Weather Data For The Week Ending Sunday, July 7, 2002 ^{1/}

Station	Temperature ^{2/}				Growing Degree Days ^{4/}			Precipitation (Inches)				
	High	Low	Ave.	Dept. ^{3/}	40° Base	50° Base		Total	Dept ^{3/}	Month of July	March 1	
						To Date	Normal				To Date	Normal
North												
Coeur D'Alene	84	45	61	-4	1385	592	621	0.00	-0.20	0.00	6.01	9.18
Grangeville	89	44	65	2	1362	595	408	0.00	-0.41	0.00	7.29	11.57
Lewiston	94	50	69	-2	1944	948	958	0.00	-0.16	0.00	4.64	4.94
Sandpoint	83	40	60	-3	1300	525	482	0.00	-0.35	0.00	7.79	10.12
Southwest												
Boise	99	54	75	4	2162	1157	886	0.00	-0.12	0.00	2.23	4.53
Caldwell	95	54	74	1	2133	1120	1091	0.00	-0.11	0.00	0.97	3.75
Emmett	97	51	72	1	1947	960	933	0.00	-0.11	0.00	2.64	4.48
Mountain Home	102	53	76	4	2027	1072	860	0.00	-0.12	0.00	1.47	3.60
Parma 5/	92	50	--	--	2107	1094	877	0.00	-0.13	0.00	1.57	4.06
Weiser	100	54	77	6	2207	1176	898	0.03	-0.07	0.03	2.17	3.86
Southcentral												
Buhl 5/	--	--	--	--	1819	874	662	0.00	-0.12	0.00	1.66	3.77
Burley	95	50	72	4	1718	820	651	0.00	-0.07	0.00	2.43	3.87
Hill City	92	45	68	6	1143	526	346	0.00	-0.13	0.00	2.78	4.30
Hagerman	100	53	76	5	2086	1085	1080	0.00	-0.07	0.00	1.70	3.37
Malta	97	45	72	4	1636	756	669	0.00	-0.07	0.00	2.12	3.99
Twin Falls	92	53	73	6	1703	817	610	0.00	-0.07	0.00	3.17	4.06
East												
Aberdeen 5/	90	58	--	--	1408	654	506	0.00	-0.08	0.00	1.64	3.82
Grace	94	45	71	7	1393	666	406	0.00	-0.21	0.00	4.50	6.33
Idaho Falls	94	48	70	3	1406	636	538	0.02	-0.09	0.02	2.90	4.56
Malad City 5/	97	56	--	--	1689	854	585	0.00	-0.17	0.00	1.21	5.71
Pocatello	98	51	75	6	1642	785	618	0.22	0.13	0.22	3.90	4.91
Rexburg	90	47	69	3	1319	586	479	0.00	-0.15	0.00	1.81	5.87
Salmon	88	45	70	3	1433	638	556	0.00	-0.19	0.00	1.06	4.93

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average ^{1/}	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emmett	92	80	91	80	92	78	92	82	91	79	91	79	93	80	92	80
Parma	71	71	71	70	71	70	--	--	--	--	--	--	--	--	71	70
Sandpoint	68	60	69	59	74	59	72	61	66	59	73	59	77	62	71	60
Twin Falls	82	66	81	65	83	71	79	66	76	62	--	--	78	67	80	66

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.